

AD_____

Award Number: DAMD17-00-2-0022

TITLE: Cultural Resources Support

PRINCIPAL INVESTIGATOR: Dr. Ray Crook
Susan E. Fishman-Armstrong

CONTRACTING ORGANIZATION: Antonio J. Waring, Jr. Archeological Laboratory
State University of West Georgia
Carrollton, GA 30118

REPORT DATE: July 2001

TYPE OF REPORT: Annual

PREPARED FOR: U.S. Army Medical Research and Materiel Command
Fort Detrick, Maryland 21702-5012

DISTRIBUTION STATEMENT: Approved for Public Release;
Distribution Unlimited

The views, opinions and/or findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision unless so designated by other documentation.

20010803 095

REPORT DOCUMENTATION PAGEForm Approved
OMB No. 074-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503

1. AGENCY USE ONLY (Leave blank)		2. REPORT DATE July 2001	3. REPORT TYPE AND DATES COVERED Annual (23 Jun 00 - 22 Jun 01)	
4. TITLE AND SUBTITLE Cultural Resources Support			5. FUNDING NUMBERS DAMD17-00-2-0022	
6. AUTHOR(S) Dr. Ray Crook Susan E. Fishman-Armstrong				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Antonio J. Waring, Jr. Archeological Laboratory State University of West Georgia Carrollton, GA 30118 E-Mail: rcrook@westga.edu			8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) U.S. Army Medical Research and Materiel Command Fort Detrick, Maryland 21702-5012			10. SPONSORING / MONITORING AGENCY REPORT NUMBER	
11. SUPPLEMENTARY NOTES				
12a. DISTRIBUTION / AVAILABILITY STATEMENT Approved for Public Release; Distribution Unlimited				12b. DISTRIBUTION CODE
13. ABSTRACT (Maximum 200 Words) This project a cooperative agreement between the Antonio J. Waring, Jr. Archaeological Laboratory at the State University of West Georgia and the U.S. Army Medical Research Acquisition Activity. This project is designed to provide the Antonio J. Waring, Jr. Archaeological Laboratory stewardship of the nations cultural resources for curation which are to be collected by the Department of Defense in the geographical area of the state of Georgia and the surrounding southeastern United States. Funds that apply to this project are based on individual tasks orders. Research and reports are extruded from the collections obtained by the Department of Defense. As of to date, no task orders for curation have been received from the Department of Defense by the Antonio J. Waring, Jr. Archaeological Laboratory.				
14. SUBJECT TERMS Cultural Resources				15. NUMBER OF PAGES 22
				16. PRICE CODE
17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT Unlimited	

NSN 7540-01-280-5500

Standard Form 298 (Rev. 2-89)
Prescribed by ANSI Std. Z39-18
298-102

Table of Contents

Cover.....	1
SF 298.....	2
Table of Contents.....	3
Introduction.....	4
Body.....	4
Key Research Accomplishments.....	4
Reportable Outcomes.....	4
Conclusions.....	4
References.....	4
Appendices.....	4

INTRODUCTION:

This project is a cooperative agreement between the Antonio J. Waring, Jr. Archaeological Laboratory at the State University of West Georgia and the U.S. Army Medical Research Acquisition Activity. The purpose of this project is designed to provide the Antonio J. Waring, Jr. Archaeological Laboratory stewardship of the nations cultural resources for curation which are to be collected by the Department of Defense in the geographical area of the state of Georgia and the surrounding southeastern United States. Funds that apply to this project are based on a cost reimbursement cooperative agreement. Funds are to be made as individual tasks orders. As of to date, no task orders have been received from the Department of Defense by the Antonio J. Waring, Jr. Archaeological Laboratory for the curation of cultural resources collections.

BODY:

The Antonio J. Waring Jr. Archaeological Laboratory has been intrusted by the Department of Defense for the curation and care of cultural resource material from Georgia and the Southeastern United States. Research information is derived from this material and its associated documentation. The Antonio J. Waring Jr., Archaeological Laboratory has not obtained any material to be curated from the Department of Defense. Therefore, no research has been conducted on the material.

KEY RESEARCH ACCOMPLISHMENTS:

No collections have been received, therefore, no research has been conducted at this time.

REPORTABLE OUTCOMES:

No outcomes are reportable at this time.

CONCLUSIONS:

None

REFERENCES:

None

APPENDICES:

Vitae: Ray Crook, Laboratory Director
Susan Fishman-Armstrong, Laboratory Coordinator

Curriculum Vitae

Morgan Ray Crook, Jr.

203 Martha Munro Hall
State University of West Georgia
Carrollton, GA 30118
770.836.4592; 4303
rcrook@westga.edu

Academic Achievement

Ph.D., University of Florida, 1978 (Anthropology)

Dissertation: "Mississippian Period Community Organizations on the Georgia Coast"

M.A., West Georgia College, 1975 (Psychology)

Thesis: "Institutions of Abnormal Behavior in Three Primitive Societies"

B.A., West Georgia College, 1973 (Anthropology and Psychology)

Principal Fields of Interest

Archaeology of the Southeastern U.S.
Archaeological Method and Theory
Archaeological Curation and Collections Management
Prehistoric Coastal Adaptive Systems

Professional References

David Anderson (Archaeologist), Southeast Archeological Center, National Park Service
Nicholas Honerkamp (Professor of Anthropology), Department of Sociology, Anthropology, and
Geography, University of Tennessee, Chattanooga
Jerald Milanich (Curator and Professor of Anthropology), Department of Anthropology, Florida
Museum of Natural History, University of Florida
Elizabeth Reitz (Professor of Anthropology), Department of Anthropology, University of Georgia

Academic Experience

Positions:

September 1991 – Present:

Associate Professor of Anthropology, Department of Sociology, Anthropology and Criminology,
State University of West Georgia

January 2000 – Present:

Director, Antonio J. Waring, Jr. Archaeological Laboratory, State University of West Georgia

March 1993 – Present:

Curator, Antonio J. Waring, Jr. Archaeological Laboratory, State University of West Georgia

September 1987 – August 1991:

Assistant Professor of Anthropology, Department of Anthropology, Georgia State University
September 1985 – June 1987:

Part-time Assistant Professor of Anthropology, Georgia State University

July 1983 – June 1987:

Assistant to the State Archaeologist, Office of the Georgia State Archaeologist, West Georgia College

June 1983 – August 1987:

Adjunct Research Associate, Department of Sociology and Anthropology, West Georgia College

November 1978 – June 1983:

Research Associate, Department of Sociology and Anthropology, West Georgia College

Instruction:

Undergraduate Courses Taught -

- Introduction to Anthropology (four sub-field)
- Faces of Culture
- Case Studies in Archaeology
- Introduction to Physical Anthropology
- Introduction to Archaeology
- General Archaeology
- Archaeological Field Methods (also graduate level)
- Archaeological Laboratory Methods (also graduate level)
- Contemporary Archaeological Thought
- History of Anthropological Thought
- North American Indians
- North American Prehistory
- Archaeology of the Southeastern U.S.
- Indians of the Southeastern U.S.
- Cultural Ecology
- Human Evolution
- Public Archaeology (also graduate level)
- Anthropology Senior Seminar (capstone course)

Honors and Masters Committees:

1990 B.A. Honors Thesis Committee, Mary Herbert (Department of Anthropology, Georgia State University)

1987 M.A. Anthropology, Jack E. Tyler (Department of Anthropology, Georgia State University)

1989 M.A. Anthropology, Terry J. Minvielle (Department of Anthropology, Georgia State University)

1991 Master of Historic Preservation, Ann Foskey (Department of History, Georgia State University)

1991 Master of Historic Preservation, Janine Joslyn (Department of History, Georgia State University)

Institutional Service:

June 1998 – Present: Faculty Senate, State University of West Georgia
June 1998 – Present: Undergraduate Academic Programs Committee (Chair, 2000-01)
September 2000: Strategic Planning ad hoc Committee, UWG Office of the President
June 1998 – May 1999: Master Planning Committee, State University of West Georgia
June 1998 – May 2000: Social Sciences XIDS Committee, UWG College of Arts and Sciences
April 1998 – January 2000: Fund Manager, Antonio J. Waring, Jr. Anthropology Endowment
June 1997 – February 1998: Search Committee for Sponsored Operations Coordinator, UWG Office of the Vice President of Academic Affairs
June 1995 – June 1998: Faculty Senate, State University of West Georgia
June 1995 – June 1998: Learning Resources Committee (Chair, 1997-98)
July/August 1995: Chair, Search Committee for Coordinator of Special Projects, Development and Alumni Services, West Georgia College
August 1994 - Present: Member, Sponsored Operations Advisory Committee, Office of the Vice President of Academic Affairs, West Georgia College
August 1994 – June 1996: Technology Trust Funds Working Group, WGC/UWG Office of the President
January 1993 - 1996: Director and Archaeology Research Associate, Applied Environmental Research Group, School of Arts and Sciences, West Georgia College
October 1993 - 1995: Community Action for Improvement, Inc., Board of Trustees (representing West Georgia College). Elected Treasurer, April 1995
September 1993 - June 1995: School of Arts & Sciences - Executive Committee, West Georgia College
September 1993 - June 1995: School of Arts & Sciences - Institutional Studies and Planning Committee, West Georgia College
September 1993 - June 1996: Faculty Senate Subcommittee on Academic Appeals, West Georgia College
September 1992 – June 1995: Regents Academic Advisory Committee on Sociology, Anthropology, and Social Work (representing the Department of Sociology & Anthropology, West Georgia College), also member of Anthropology Subcommittee
September 1991 - December 1991: Self-Study Subcommittee on Academic and Professional Preparation (SACS), West Georgia College
September 1989 - August 1991: University Senate, Georgia State University. Committee Memberships - Faculty Affairs, Awards
September 1987 - August 1991: Department of Anthropology, Georgia State University - Executive Committee, Curriculum Committee, Honors Committee (Chair, 1989), Student Advocacy Committee (Chair, 1988)
September 1988 - August 1989: Department of Anthropology, Georgia State University – Director of Faculty and Student Seminars, Chair of ad hoc Peer Review Committee, Chair of ad hoc Departmental Research Policy Committee
September 1987 - August 1988: Faculty Advisor, Georgia State University Anthropology Society

Not listed above are continuing UWG departmental and program service including various ad hoc committee assignments, mentoring, advising, search committees, third-year review committees, promotion and tenure committees, post-tenure review committees, and Waring Anthropology Endowment activities.

Professional Activities

Memberships:

American Anthropological Association
Society for American Archaeology
Society for Historical Archaeology
Society for Archaeological Science
Council for Museum Anthropology
Society for the Anthropology of Work
Southeastern Archaeological Conference
Society for Georgia Archaeology
Georgia Council of Professional Archaeologists
Sigma Xi, The Scientific Research Society
Register of Professional Archaeologists

Professional Service:

June 1997 – December 1997: Sapelo Island Comprehensive Master Planning Committee, Georgia Department of Natural Resources
June 1995 – May 1998: Director, Jekyll Island Research Station
May 1994 – April 1997: Councilor, Section VIII (Anthropology) of the Georgia Academy of Science
January 1993 – December 1993: Board of Directors, Society for Georgia Archaeology
September 1991 – August 1993: Coordinator, Georgia Archaeological Task Force
January 1986 – Present: Managing Editor, **Georgia Archaeological Research Design Papers** (published through the Laboratory of Archaeology, University of Georgia)
April 1985 – 1995: Georgia Representative, Society for American Archaeology Committee on Public Archaeology
April 1989 – September 1992: Director and Editor, "**The State of Georgia Archaeology Project**," Georgia Council of Professional Archaeologists
February 1989 – October 1990: Interim Vice President, Georgia Council of Professional Archaeologists
April 1989 – June 1989: Nominations Committee, Southeastern Archaeological Conference
January 1987 – December 1987: Board of Directors, Society for Georgia Archaeology
September 1985 – August 1991: Georgia State University Representative, Georgia Archaeological Task Force
June 1983 – June 1987: Coordinator, Georgia Archaeological Task Force
March 1982 – December 1991: Editorial Board, **The Florida Anthropologist**
January 1981 – December 1981: Council Member, Society for Georgia Archaeology
September 1975 – September 1977: Archaeology Editor, **The Florida Journal of Anthropology**

Publications:

Monographs

1985 **Cagle Site Report: Archaic and Early Woodland Period Manifestations in the North Georgia Piedmont.** Occasional Papers in Cultural Resource Management #2. Atlanta: Georgia Department of Transportation.

1986a **A Strategy for Cultural Resource Planning in Georgia.** Atlanta: Georgia Department of Natural Resources.

1986b **Mississippi Period Archaeology of the Georgia Coastal Zone.** University of Georgia Laboratory of Archaeology Series, Report No. 23. Georgia Archaeological Research Design Paper No. 1.

1987 **Lowe Site Report: A Contribution to Archaeology of the Georgia Coastal Plain.** Occasional Papers in Cultural Resource Management #3. Atlanta: Georgia Department of Transportation.

1992 (Editor) **The State of Archaeology in Georgia**, a report from the Georgia Council of Professional Archaeologists. Carrollton: West Georgia College.

Refereed Papers

1977 Spalding's Sugar-Works Site, Sapelo Island, Georgia. **Industrial Archaeology** 12:318-350. (senior author with P.D. O'Grady). Reprinted 1980 in **Sapelo Papers: Researches in the History and Prehistory of Sapelo Island, Georgia**, West Georgia College Studies in the Social Sciences 19:9-34.

1978a Spatial Associations and Distribution of Aggregate Village Sites in a Southeastern Atlantic Coastal Area. **Florida Anthropologist** 31:21-34. Reprinted 1980 in **Sapelo Papers: Researches in the History and Prehistory of Sapelo Island, Georgia**, West Georgia College Studies in the Social Sciences 19:77-87.

1978b Recent Micro-Settlement Studies in the Southeast. **The Florida Journal of Anthropology** 3:26-33.

1982 Mitigation Excavations at the Chestatee Site, North Georgia. **Florida Anthropologist** 35:3-33.

1983 A Statistical Application for Determining Ceramic Assemblages at Disturbed Archaeological Sites. **North American Archaeologist** 4:211-223.

1984 Evolving Community Organization on the Georgia Coast. **Journal of Field Archaeology** 11:247-263.

1988 An Ecological Model for the Protohistoric Guale. **Southern Anthropological Society Proceedings**, No. 21:122-139.

1992 Oyster Sources and their Prehistoric Use on the Georgia Coast. **Journal of Archaeological Science** 19:483-496.

2001 (with D.C. Weinland and F.T. Andrus) The Identification of Cownose Ray (*Rhinoptera bonasus*) as a Seasonal Indicator Species and Implications for Coastal Mississippian Subsistence Modeling. **Southeastern Archaeology** 19:82-88.

Invited Papers

1980 Archaeological Indications of Community Structures at the Kenan Field Site. In **Sapelo Papers: Research in the History and Prehistory of Sapelo Island, Georgia**, West Georgia College Studies in the Social Sciences 19:89-100.

1984 Irene Manifestations on Sapelo Island. **Early Georgia** 12:59-63.

1985 Space, Time, and Subsistence at Bourbon Field. **National Geographic Society Research Reports** 21:95-100.

1991 Chronology of a Stratified Archaic Sequence in the Central Savannah River Area. **Early Georgia** 19(2):21-33.

1995 Excavation and Reburial of Charles R. Farnham on Little Cumberland Island, Georgia. **The Occasional Papers of Island Labs**, Little Cumberland Island Association.

2001 The Sapelo Gullah Project: 1992-2001. **Reflections** 1(2):4-5. (Georgia African American Historic Preservation Network)

Technical Reports

(italicized dates indicate compliance reports subjected to state- or federal-level professional review)

1973a "An Archaeological Survey of Polk County, Georgia," submitted to the Georgia Historical Commission.

1973b "Georgia Project M-3059, Bibb County, Georgia," submitted to the Georgia Historical Commission.

1974a "An Archaeological Survey of the Proposed Spewrell Bluff Reservoir," submitted to the National Park Service.

1974b "An Archaeological Survey of Green Island, Georgia," submitted to Island Investments, Inc. of Savannah, Georgia.

1974c "An Archaeological Investigation of Andersonville Prison, Sumpter County, Georgia," submitted to the National Park Service.

1979a "Archaeological Survey of a Proposed Land Fill in Putnam County, Georgia," submitted to the Putnam County Board of Commissioners.

1979b "Archaeological Assessment of the Morning Creek Diversion Project, Fulton County, Georgia," submitted to Jordan, Jones and Goulding, Inc. of Atlanta, Georgia.

1979c "Archaeological Assessment of the Proposed U.S. Post Office Site, Midway, Georgia," submitted to the United States Postal Service.

1980a "Archaeological Assessment of the Proposed Site of Housing Project GA 123-4, Ackworth, Georgia," submitted to Bradfield Associates, Inc. of Atlanta, Georgia.

1980b "Mitigation Excavations at the Chestatee Site (9Lu(DOT)1), Lumpkin County, Georgia," submitted to the Georgia Department of Transportation.

1980c "Archaeological Assessment of the Proposed Location of Burns Brick Mine #2, Bibb County, Georgia," submitted to the Burns Brick Company of Macon, Georgia.

1980d "Archaeological Reconnaissance of Unicoi, Hard Labor Creek, and Sweetwater Creek State Parks, Georgia," submitted to the Georgia Department of Natural Resources.

1981a "Archaeological Assessment of Two Tracts in Dublin, Laurens County, Georgia," submitted to Flynn Development Corporation of Clearwater, Florida.

1981b "Archaeological Assessment of the Proposed Easement for the Franklin Waste Treatment Facility, Heard County, Georgia" (senior author with A.B. Carroll), submitted to Hartrampf/Powell, Inc. of Atlanta, Georgia.

1981c "An Archaeological Study of Three Outbuildings at the Robert Toombs Historic Site" (senior author with P.D. O'Grady), submitted to the Georgia Department of Natural Resources.

1981d "Two River Crossings Surveys, the Oostanaula and Chattahoochee Rivers, and a Corridor Survey of Site 9Do2 (Anneewakee Creek Site) in Northwestern Georgia" (co-author with P. Nichols), submitted to Southern Natural Gas Company of Birmingham, Alabama.

1981e "An Archaeological Study of the Grounds and Structure 'D' at the Robert Toombs Historic Site" (senior author with P.D. O'Grady and A.B. Carroll), submitted to the Georgia Department of Natural Resources.

1982 "An Archaeological Assessment of the Richmond Hill Plantation" (co-author with K. Banks and R. Mitchell), submitted to WAPORA, Inc. of Atlanta, Georgia.

1983a "Archaeological Survey of the Proposed Lexington 201 Facilities Project, Davidson County, North Carolina," submitted to J.N. Pease Associates of Charlotte, North Carolina.

1983b "Archaeological Assessment of the Proposed Lake Impoundment Area, Big Lazer Creek Wildlife Management Area, Talbot County, Georgia," submitted to the Georgia Department of Natural Resources.

1984a "Archaeological Reconnaissance Survey of Two Tracts within the West Point Wildlife Management Area, Troup County, Georgia," submitted to the Georgia Department of Natural Resources.

1984b "Cagle Site Report: Archaic and Early Woodland Period Manifestations in the North Georgia Piedmont," submitted to the Georgia Department of Transportation.

1984c "Preliminary Archaeological Investigations at the Crooked River Site (9 Cam 118)," submitted to the Jeffery Brown Institute of Archaeology, University of Tennessee at Chattanooga.

1985a "Mitigative Investigations at the Shaw Site (9 Br 7)" (senior author with R. Saunders and D. Blanton), submitted to the Georgia Department of Transportation.

1985b "An Archaeological Survey of Jekyll Island, Georgia," submitted to the Jekyll Island Authority.

1985c "Topographic Mapping and Limited Archaeological Testing at the Lapham-Patterson House," submitted to the Georgia Department of Natural Resources.

1985d "Mitigative Investigations at the Weaver Site, Gilmer County, Georgia," submitted to the Georgia Department of Transportation.

1985e "The Georgia Coastal Mississippi Period: An RP3 Operating Plan," submitted to the Georgia Department of Natural Resources.

1986 "Mitigative Investigations at Two Sites along Gum Creek, Talbot County, Georgia" (senior author with A. Bingham), submitted to the Game and Fish Division of the Georgia Department of Natural Resources.

1987 "Mitigative Excavation at the Lowe Site, Telfair County, Georgia," submitted to the Georgia Department of Transportation.

1989a "An Archaeological Survey of the Proposed Davisboro Sewerage System, Washington County, Georgia," submitted to Waste Control, Inc. of Alpharetta, Georgia.

1989b "An Archaeological Survey along Settingdown Creek, Cherokee and Forsyth Counties, Georgia" (senior author with W.M. Reynolds), submitted to Vulcan Materials Company of Atlanta, Georgia.

1990 "Rae's Creek: A Multicomponent Archaeological Site in the Central Savannah River Area" (senior author with contributions by G. Castille, K. Wood, M. Smith, R. Blakely, E. Sheldon, J. Mathews, and F. Magilligan), submitted to the Georgia Department of Transportation.

1991 "Phase I Archaeological Survey along Snake Creek, Carroll County, Georgia" (senior author with N.J. Harris), submitted to Carroll County Water Authority through ATEC Environmental, Inc.

1992a "An Archaeological Assessment of the Proposed H.C. (Hill) Seaton Reservoir along Snake Creek, Carroll County, Georgia" (senior author with N.J. Harris and R.R. Richardson), submitted to Carroll County Water Authority through ATEC Environmental Associates, Inc.

1992b "Phase II Archaeological Assessment of 9Sn95 at Poor Robin Landing, Screven County, Georgia" (senior author with D. Davis and J. Bevis), submitted to the Game and Fish Division of the Georgia Department of Natural Resources.

1992c "Phase I Archaeological Survey of a Proposed Campground, Jekyll Island, Georgia" (senior author with N.J. Harris), submitted to The Jekyll Island Authority.

1993a "Topographic Base Maps for Six Historic Archaeological Sites in Sweetwater Creek State Park" (senior cartographer with N.J. Harris), submitted to the Maintenance and Construction Division of the Georgia Department of Natural Resources.

1993b "Archaeological Testing in the New Manchester Mill, Sweetwater Creek State Park, Georgia" (senior author with N.J. Harris), submitted to the Maintenance and Construction Division of the Georgia Department of Natural Resources.

1994a "An Archaeological Survey of the Proposed Great Dunes Golf Course, Jekyll Island, Georgia" (senior author with N.J. Harris), submitted to the Jekyll Island Authority.

1994b "Archaeological Testing at the Old House Site, Little St. Simons Island, Georgia" (as Principal Investigator, authored by N.J. Harris), Waring Archaeological Laboratory Report of Investigations.

1994c "Little St. Simons Island Archival Research (1736-1904)" (as Principal Investigator, authored by N.J. Harris), Waring Archaeological Laboratory Report of Investigations.

1994d "An Archaeological Survey Along Whooping Creek, Carroll County, Georgia" (as Principal Investigator, authored by K. Smith), submitted to H. Gil Maddox, Jr., M.D.

1995a "Field Evaluation of Site #2 (9Cl270) at the Proposed H.C. (Hill) Seaton Reservoir, Carroll County, Georgia," submitted to U.S. Army Corps of Engineers, Savannah District.

1995b "Field Evaluation of Site #1 (9Cl269) at the Proposed H.C. (Hill) Seaton Reservoir, Carroll County, Georgia," submitted to U.S. Army Corps of Engineers, Savannah District.

1995c "Excavation and Reburial of Charles R. Farnham on Little Cumberland Island, Georgia," submitted to Little Cumberland Island Homes Association, Inc.

1996a "Former Structures of the Jekyll Island Club shown on Sanborn Field Survey Maps," submitted to the Jekyll Island Authority.

1996b "Phase I Archaeological Survey of Proposed Construction at the Jekyll Island Interpretive Center," submitted to the Jekyll Island Authority.

1996c "Phase II Archaeological Survey of a Proposed Visitor's Center, Sweetwater Creek State Conservation Park, Douglas County, Georgia," submitted to the Georgia Department of Natural Resources.

1997 "Archaeological Investigations at the Sapelo Island Lighthouse and Oil House," submitted to the Georgia Department of Natural Resources.

1999a "Sapelo Island Archaeology 1974-1999," submitted to the Georgia Department of Natural Resources.

1999b "Archeological Assessment of a Proposed Development Tract, McIntosh County, Georgia," submitted to the Law Offices of Preston Kunda, St. Simon's Island, Georgia.

Georgia Archaeological Research Design Papers (as Managing Editor)

1986 **Mississippi Period Archaeology of the Georgia Coastal Zone** by Morgan R. Crook, Jr. GARD Paper No. 1. (University of Georgia Laboratory of Archaeology Series, Report No. 23).

1986 **Mississippi Period Archaeology of the Georgia Piedmont** by David J. Hally and James Rudolph. GARD Paper No. 2 (University of Georgia Laboratory of Archaeology Series, Report No. 24).

1988 **Mississippi Period Archaeology of the Georgia Ridge and Valley Province** by David J. Hally and James B. Langford, Jr. GARD Paper No. 4 (University of Georgia Laboratory of Archaeology Series, Report No. 25).

1990 **Mississippi Period Archaeology of the Georgia Blue Ridge Mountains** by Jack T. Wynn. GARD Paper No. 5 (University of Georgia Laboratory of Archaeology Series, Report No. 27).

1990 **PaleoIndian Period Archaeology of Georgia** by David G. Anderson, R. Jerald Ledbetter, and Lisa D. O'Steen. GARD Paper No. 6 (University of Georgia Laboratory of Archaeology Series, Report No. 28).

1992 **Historic Period Indian Archaeology of Northern Georgia** by Marvin T. Smith. GARD Paper No. 7 (University of Georgia Laboratory of Archaeology Series, Report No. 29).

1993 **Mississippi Period Archaeology of the Georgia Coastal Plain** by Frank T. Schnell and Newell O. Wright, Jr. GARD Paper No. 3 (University of Georgia Laboratory of Archaeology Series, Report No. 26).

1993 **Historic Period Indian Archaeology of the Georgia Coastal Zone** by David H. Thomas. GARD Paper No. 8 (University of Georgia Laboratory of Archaeology Series, Report No. 30).

1995 **Woodland Period Archaeology of Northern Georgia** by W. Dean Wood and William R. Bowen. GARD Paper No. 9 (University of Georgia Laboratory of Archaeology Series, Report No. 33).

1995 **Woodland Period Archaeology of the Georgia Coastal Plain** by Karl T. Steinen. GARD Paper No. 10 (University of Georgia Laboratory of Archaeology Series, Report No. 34).

1995 **Archaic Period Archaeology of the Georgia Coastal Plain and Coastal Zone** by Daniel T. Elliott and Kenneth E. Sassaman. GARD Paper No. 11 (University of Georgia Laboratory of Archaeology Series, Report No. 35).

1996 **Historic Period Indian Archaeology of the Georgia Coastal Plain** by Chad O. Braley. GARD Paper No. 12 (University of Georgia Laboratory of Archaeology Series, Report No. 36).

2001 **Archaic Period Archaeology of Northern Georgia** by William F. Stanyard. GARD Paper No. 13 (University of Georgia Laboratory of Archaeology Series, Report No. 37) [in production].

Selected Recent Presentations & Exhibits:

1998 *Jekyll Island 2000 Years Ago*. Permanent exhibit installed in the Jekyll Island Museum (with Bruce Bobick, UWG Department of Art).

1998 *Historic Gullah Communities of Sapelo Island*. Paper presented at the annual meeting of the Society for Historical Archaeology, Atlanta. Also, Section Chair for *Current Research in the Southeastern United States*.

1999 *Jekyll Island Archaeology*. Invited presentation for the Spring meeting of the Society for Georgia Archaeology (Jekyll Island, Georgia).

1999 *Archaeology of Former Structures in Millionaire's Village*. Special public tour provided as part of the Spring meeting of the Society for Georgia Archaeology (Jekyll Island, Georgia).

2000 *Investigations at the North End Site (9GN107), Little St. Simons Island, Georgia*. Paper presented at the annual meeting of the Southeastern Archaeological Conference (Macon, Georgia). Also, Symposium Organizer and Chair for *Archaeology of the Northern Florida and Georgia Coasts*.

Grants and Contracts:

- FY 79 Lumpkin County Project - Georgia Department of Transportation (\$30,652)
Morning Creek Diversion Project - Jordon, Jones, and Goulding, Inc. (\$9,854)
- FY 80 Hard Labor Creek Project - Georgia Department of Natural Resources (\$5,000)
Bourbon Field Archaeological Assessment - The National Geographic Society (\$13,481)
Archaeological Mitigation in Cherokee County - The Georgia Department of Transportation (\$39,401)
- FY 81 Anneewakee Creek Project - Southern Natural Gas Company (\$1,317)
Burns Brick Mine #2 Project - Burns Brick Company (\$4,479)
Toombs House Project - Georgia Department of Natural Resources (\$34,477)
- FY 82 Bryan County Project - WAPORA, Inc. (\$4,431)
Knapp-Barrs Douglas County Project - (\$4,502)
St. Simons Island Project - Georgia Department of Transportation (\$9,505)
- FY 84 Bartow County Project - Georgia Department of Transportation (\$14,842)
Gilmer County Project - Georgia Department of Transportation (\$24,777)
- FY 85 Jekyll Island Archaeological Survey - The Jekyll Island Authority (\$11,721)
- FY 86 Blue Ridge Operating Plan - Historic Preservation Fund Grant (\$4,520)
Gum Creek Watershed Project - Georgia Department of Natural Resources (\$5,841)
- FY 87 Mississippi Period Operating Plan - Georgia Trust for Historic Preservation (\$6,403)
- FY 88 Rae's Creek Excavation Project - Georgia Department of Transportation (\$101,805)
Archaeological Operating Plans - Historic Preservation Fund Grant (\$9,000)
- FY 89 Settingdown Creek Project - Vulcan Materials Company (\$9,721)
Archaeological Operating Plan - Historic Preservation Fund Grant (\$6,000)
- FY 90 Snake Creek Survey - ATEC Environmental Associates, Inc. (\$9,821)
Archaeological Operating Plans - Historic Preservation Fund Grant (\$7,000)
- FY 92 Poor Robins Landing Project - Georgia Department of Natural Resources (\$4,986)
Snake Creek Archaeological Assessment - ATEC Environmental Associates, Inc. (\$27,100)
Jekyll Island Field School - Jekyll Island Museum Associates (\$3,500)
- FY 93 Archaeology Context Reports - Historic Preservation Fund Grant (\$6,000)
Great Dunes Golf Course Project - The Jekyll Island Authority (\$3,750)
New Manchester Mill Project - Georgia Department of Natural Resources (\$4,954)
Little St. Simons Island Project - Friends of Little St. Simons Island (\$6,000)
Jekyll Island Phase I Project - The Jekyll Island Authority (\$6,326)

- Jekyll Island Field School - Jekyll Island Museum Associates (\$3,200)
- FY 94 Sweetwater Creek Mapping Project - The Georgia Department of Natural Resources (\$6,425)
Sapelo Island Abandoned Black Community Project - The Sapelo Island Research Foundation (\$7,300)
Meridian Dock Project - The Georgia Department of Natural Resources (\$17,000)
Archaeology Context Reports - Historic Preservation Fund Grant (\$6,000)
Jekyll Island Field School - Jekyll Island Museum Associates (\$3,500)
Student Research Assistant Program - WGC Foundation (\$1,350)
- FY 95 Jekyll Island Field School - Jekyll Island Museum Associates (\$1,880)
Little Cumberland Island Project (expenses only) - Little Cumberland Island Association (\$625)
Sapelo Black Heritage Film Project (expenses only) - Atlanta Public School (\$138)
Snake Creek Site Evaluation Project - Carroll County Water Authority (\$1,356)
- FY 96 Jekyll Island Archaeology Project - Jekyll Island Museum Associates (\$2,617)
Jekyll Island Sanborn Map Archaeology Project - Jekyll Island Museum Associates (\$8,035)
Archaeology Context Study - Georgia Department of Natural Resources (\$6,000)
- FY 97 Sweetwater Creek Archaeology Project - Georgia Department of Natural Resources (\$8,000)
Jekyll Island Archaeology Project - Jekyll Island Authority (\$1,765)
Sapelo Island Lighthouse Excavation - Georgia Department of Natural Resources (\$7,650)
Coastal Archaeology Projects - West Georgia Foundation (\$4,290)
Historic Education Practices on Jekyll Island (with Sharon Newbill and Warren Murphey) - UWG College of Education (\$2,000)
- FY 98 Archaeology Context Study - Georgia Department of Natural Resources (\$6,000)
Historic Gullah Communities of Sapelo Island - UWG Faculty Research Grant (\$1,400)
Gullah History and Archaeology - UWG SRAP Grant (\$1,650)
Archaeological Research Enhancement - UWG ETACT Grant (\$8,075)
- FY 99 (continuation of existing grants and contracts)
- FY 00 Cooperative Agreement for Archaeological Curation Services - U.S. Department of Defense
Gullah Archaeology Project - UWG SRAP Grant (\$1,650)
Curation of DNR Archaeological Collections - Historic Preservation Division, Georgia Department of Natural Resources (\$15,000)
Curation of DOT Archaeological Collections - Environmental Analysis Bureau, Georgia Department of Transportation [under negotiation] (~\$14,000)

Susan E. Fishman-Armstrong
Curriculum Vitae
July 6, 2001

Laboratory Coordinator
Sfishman@westga.edu

Antonio J. Waring Jr. Archaeological Laboratory
State University of West Georgia Carrollton, GA 30118

Lab: (770) 836-4303

EDUCATION

- **Master of Arts** - Graduated December 2000; Texas Tech University, Lubbock, TX
Major: Museum Science with a focus on Collection Management and Registration of Natural History Collections.
Thesis: "Incorporation of Bar Code Capabilities into Existing Museum Databases."
Related Coursework:
- Administration of Archival and Manuscript Collections: Caring for specialized collections.
 - Museology: Historical and theoretical framework for museum science. Broad-based implication of museum work as a science.
 - Museum Administration: Museum management and administration including policies and procedures, personnel management, budget formulation, governance, and marketing and public relations.
 - Museum Collection Management: Museum concepts, procedures, personnel management, budget formulation, governance, and interaction with support organizations. Laboratory work involved identifying, classifying, cataloging, and processing archeological collections.
 - Museum Data Management: Electronic management of museum collection.
 - Museum Interpretation and Communication: Theories and methods of museum research and interpretation. Includes planning, developing, and evaluating strategies of exhibitions, publications, and education-interpretive programs.
 - Museum Law, Ethics, and Standards: Ethical and legal obligations of museum collections, administration, and operations on international and national issues.
 - Museum Preventive Conservation: Addresses current methods and theories of specialized care of museum objects.
 - Managing Archeological Collections: Provided by the National Park Service. Addresses historical, legal, and ethical issues like preventive conservation, curation, repositories, security, and collections management of caring for an archeological collection in-perpetuity.
<http://www.cr.nps.gov/aad/collections/index.htm>
- **Bachelor of Science** – Graduated December 1997; Fort Hays State University, Hays, Kansas
Major: Geosciences with focus on Paleontology and Museum Studies.
Minor: Biology

COMPUTER SKILLS - Proficient in Macintosh, DOS, and PC Computer Environments.

Databases

- Developed database programs for various museum collections using *Microsoft Access*, *Visual FoxPro®*, *FileMakerPro®*. Installed bar code capabilities to these database management systems.
- Consulted to assess the use of *COLLECTION Inc* and *SPECIFY* in museum functions, including report expansion and bar code capabilities.

Word Processing

- Used *Microsoft Word*, *WordPerfect*, *ClarisWorks*, *Professional Write*, and *Adobe Illustrator* to prepare recommendations and reports on daily basis.

Spreadsheet

- Created budget and scholarly reports with intricate graphs using *Microsoft Excel* and *ClarisWorks*.

Additional Software

- Prepared presentations using *Adobe PhotoShop* and *Microsoft PowerPoint*.
- Used *Surfer 4*, and *Grapher* for Digitizing and Geophysical Analysis.

PROFESSIONAL EXPERIENCE

LABORATORY COORDINATOR

June 2001 - Present

Antonio J. Waring Jr. Archaeological Laboratory

Maintaining the daily functions of the laboratory. Developing outreach programs. Monitoring the condition and processing of incoming collections. Preparing annual budget reports. Developing cutting edge methods for increasing the efficiency and reducing error of managing an archeological collection, like the installation of a bar code system.

Dr. Ray Crook

State University of West Georgia; Carrollton, GA 30118

RESEARCH AIDE

January 2001 – May 2001; Job Completed

Museum of Texas Tech University

Designed and installed a custom-made bar code system for the Art, History, Registration, and Anthropology Divisions.

- Advised each division on how to expand their collection's database capabilities.
- Increased the capabilities each division's database to include location, bibliography, loan, and usage histories.

Gary Edson.

Museum of Texas Tech University; 4 & Indiana. Lubbock, TX; 79409

VOLUNTEER COLLECTIONS MANAGER AND FOSSIL PREPARATOR

May 1998 - Present

Department of Paleontology

Installed a bar code system using the department's existing database. Duties included collecting, sorting, and preparing vertebrate fossils from Post, Texas. Assisted with the creation and design of the new "Dino Hall" at the Museum of Texas Tech University.

- Redefined how objects are processed in the Division.
- Revised the Division's Processing Procedure Policy Manual.
- Wrote the Division's Database Standard's and Usage Manual.
- Reduced Data Loss by 100%.
- Significantly decreased processing time.

Sankar Chatterjee Ph.D.

Museum of Texas Tech University; 4 & Indiana. Lubbock, TX; 79409

RESEARCH ASSISTANT

June 1998-December 2000; Graduated

Natural Science Research Laboratory

Curated, cataloged, and installed the frozen tissue collection. Subsampled, prepared, and sent outgoing frozen tissue loans. Curated and managed the radioactive tissues from Chernobyl, Ukraine. Maintained the frozen tissue database. Assisted with installation and curation of the mammal collection. Responded to information requests. Prepared, preserved and labeled osteological material. Conducted educational tours.

- Processed 161 Loans between 1999 and 2000.
- Inventoried and updated approximately 81% of the Vital Tissue Collection.
- Created departmental procedure policy manual.

Robert Baker Ph.D

Museum of Texas Tech University; 4 & Indiana. Lubbock TX; 79409

PALEONTOLOGY COLLECTIONS MANAGEMENT PRACTICUM

Summer 1999

Department of Paleontology

Conducted a comprehensive inventory of the vertebrate, invertebrate, and geology collections. Assisted with rehousing and stabilizing specimens. Identified and solved problems with current collection management practices in the division. Instrumental in the design and creation a new database to help manage collection needs.

Sankar Chatterjee Ph.D.

REGISTRATION PRACTICUM

Summer 1999

Museum of Texas Tech University

Conducted a comprehensive inventory of historical and cultural objects to prepare the objects at the Ranch and Heritage Center in Lubbock, Texas, for deaccessioning from MoTTU. Solved problems and complete paperwork associated with loans, accessioning, and deaccessioning of natural history, history, art, and paleontology collections.

Nicola Ladkin M.A.

Museum of Texas Tech University; 4 & Indiana. Lubbock TX; 79409

VOLUNTEER FOSSIL PREPARATOR

August 1993 - May 1998; Graduated

Sternberg Museum of Natural History

Collected, sorted, identified, and prepared vertebrate fossils from West-Central Kansas. Molded and casted material for the new museum.

Greg Walters M.S.

Fort Hays State University; Hays, Kansas, 67601

OBSERVATORY DIRECTOR

August 1993 - December 1997; Graduated

Department of Physics

Designed and administrated presentations and shows for public nights. Assisted astronomy classes and taught labs. Maintained telescopes and designed astronomy exhibits in the observatory. Developed budget reports for purchasing needed material. Researched and wrote reports as needed. Publicized astronomy events. Promoted community awareness of astronomy.

- Increased public attendance by approximately 30%.

Paul Adams Ph.D

Fort Hays State University; Hays, Kansas, 67601

CURATORIAL ASSISTANT

August 1994 - December 1997; Graduated

Sternberg Museum of Natural History

Assisted with curation, preservation, preparation, and exhibit design for natural history, archeology, and history collections. Assisted with packing and moving specimens to the new facility.

R. J. Zakrzewski Ph.D

Fort Hays State University; Hays, Kansas, 67601

VOLUNTEER CURATOR

June 1995 - May 1997; Graduated

Fick Fossil and History Museum

Collecting, sorting, identifying, preparing, and designing natural history exhibits. Designing Geological and Paleontological traveling kits for schools.

- Reviewed the identifications for 90% of the natural history collection.

Nancy Baalman M.B.

700 West 3rd Street; Oakley, Kansas 67748

FIELD ASSISTANT/RESEARCH ASSISTANT

Summer 1995; Job completed

Sternberg Memorial Museum

Sorted, identified, and prepared vertebrate materials from Cimarron National Grasslands. Researched possibility of using palynology dating techniques from possible Triassic red beds of South-West Kansas. Collected fossil materials for geological dating of rocks in the Cimarron National Grasslands, Kansas. Gathered data using GPS analysis for preparing geological maps. Assisted with writing a grant proposal for a geological mapping project of Cheyenne National Grasslands, Colorado.

Greg Liggett M.S.

Fort Hays State University; Hays, Kansas 67601

RESEARCH ASSISTANT

Fall 1993, Summer 1995, and Spring 1997; Job completed

Geoscience Department

Located lost military soldiers after relocation and fire of historical cemetery using non-invasive techniques (magnetometer survey) for Fort Hays, Kansas. Used geophysical instruments (electrical resistivity and magnetometer) and techniques for locating buried archeological artifacts on historical grave site at Boot Hill, Hays

Fishman-Armstrong (Vita: July 2001)

Kansas. Used geophysical method (magnetometer survey) for determining possible illegally buried drums. Digitized and analyzed data using Surfer 4 and Grapher.

Ken Neuhauser, Ph.D.

Fort Hays State University; Hays, Kansas, 67601

HONORS, AWARDS, PRESENTATIONS

- **Museum of Texas Tech University** - "Incorporation of Bar Code Capabilities to Existing Museum Databases" Thesis Defense open house presentation. 2000
- **Society for the Preservation of Natural History Collections** – Poster Session 2000
- **American Association of Museums** - Presenter (poster session) 1999
- **Astronomy Club** - Selected as Presenter for the open house on the "Mythical Legends of the Moon and Fun Facts". 1997
- **Astronomy Department** - Guest lecturer; Presented "The Moon, its Origin" 1996
- **Society of Vertebrate Paleontology** - (poster session) Presenter for annual international meeting in Pittsburgh, Pennsylvania. 1996
- **Kansas Academy of Science** - Presenter (poster session) Awarded Honorable mention. 1995

BIBLIOGRAPHY

- Dawson, Emma, **Fishman-Armstrong, S.E.**, King, Reagan. 1999. Collections Management in the 21 Century. AAM (unpublished).
- **Fishman, S.E.**, C. Fielitz, and K. Shimada. 1996 Stratigraphic record of the genus *Enchodus* (Osteichthyes: Teleostei), in Kansas. *Journal of Vertebrate Paleontology*, 14 (Supplement to Number 3).
- **Fishman, S.E.**, K. Shimada, and C. Fielitz. 1995. Stratigraphic record of the late Cretaceous genus *Enchodus* (Osteichthyes: Teleostei), in Kansas. Abstract Kansas Academy of Science, Pittsburgh, 14:21.
- **Fishman-Armstrong, S.E.**, H. Gardner, and M. Houle. May 2000 Data Enhancement Project at the Museum of Texas Tech University. Museum of Texas Tech University, Lubbock, Texas. In-house manual.
- **Fishman-Armstrong, S.E.**, H. Gardner, Dr. R.R. Monk, Dr. J. Indeck, G. Edson, N. Ladkin, and Dr. R. Baker. 7 July 2000. Incorporation of bar code capabilities to an existing museum database. Poster Presentation. Society for the Preservation of Natural History Collections. 15th Annual Meeting. Nova Scotia, Canada.
- **Fishman-Armstrong, S.E.**, Summer, 2000 "Bar code systems in museums." Registrar's Quarterly. Registrar's Committee-Western Region Newsletter.
- **Fishman-Armstrong, S.E.** March 2000. Installing bar code capabilities in COLLECTION%. Newsletter. Vernon System Inc. New Zealand. In Press. 4 pp.
- **Fishman-Armstrong, S.E.** 19 May 1999. Bar Coding in the Panhandle-Plains Historical Museum. Unpublished Master's Thesis Proposal. Museum of Texas Tech University, Lubbock, Texas. 7 pp.
- **Fishman-Armstrong, S.E.** April 2000. Data enhancement project, including bar code capabilities, at the Panhandle-Plains Historical Museum. In-house manual. Panhandle-Plains Historical Museum. Canyon, Texas.
- **Fishman-Armstrong, S.E.** August 2000. Incorporation of bar code capabilities to an existing museum database. Unpublished Masters Thesis. Texas Tech University. Lubbock, Texas.
- **Fishman-Armstrong, S.E.** and H. Gardner. March 2001. Bar Code Applications in Museums. Registrar's Committee of the Mountain Plains Museums Association.
- **Fishman-Armstrong, S.E.**, H. Gardner, R.R. Monk, and M.J. Owen. In Pres. Incorporation of bar code capabilities to an existing museum database. *Museology*. Museum of Texas Tech.

MEMBERSHIPS

- **Museum Science Students Association** - Member since 1997; Public Relations Committee 1997.
- **American Association of Museums** - Member since 1998
- **Society for the Preservation of Natural History Collections** - Member since 1997
- **Kansas Museum Association** - Member 1996-1999
- **Sternberg Museum of Natural History** - Member since 1993
- **Sternberg Geology Club (Fort Hays State University Chapter)** - Member 1993-1997; Vice President 1995 - 1996; Treasurer 1994 - 1995; Secretary 1993 - 1994.
- **Astronomy Club (Fort Hays State University Chapter)** - Member 1993-1997; President 1996-1998; Vice President 1996; Secretary/Treasurer 1994 - 1995

REFERENCES

Ray Crook Ph.D

Laboratory Director

Antonio J. Waring, Jr. Archaeological Laboratory

State University of West Georgia

Carrollton, GA 30118

(770) 838-2577; rcrook@westga.edu

Susan Baxevanis M.A.

Collection Manager, Anthropology

Museum of Texas Tech University

Lubbock, Texas 79409-3191

(806) 742-2442, ext.241; Mxseb@ttacs.ttu.edu

Jeff Indeck Ph.D

Curator of Archeology

Panhandle-Plains Historical Museum

WTAMU Box 60967

Canyon, Texas; 79016

806-651-2268; jeff.indeck@wtamu.edu

Robert Baker Ph.D

Curator and Director of the Natural Science Research Laboratory

Natural Science Research Laboratory

Lubbock, Texas 79409

(806) 742-2702; rbaker@ttu.edu

Additional references and information available on request.